

CAN I COMBINE SCIENCE AND BUSINESS IN A SINGLE JOB?

YES.

We'll show you how at Fraunhofer IIS.

Algorithm and Software Developer (f/m)

Computational Imaging

Is the development of algorithms and software for media technology your thing?

Then we have the right position for you!

With this position, you will have the opportunity to develop new image processing algorithms, implement them conceptually in MATLAB and in the form of optimized C++ libraries. With the latter, you will integrate the algorithms into professional post-production software such as the NUKE application from The Foundry. You will ensure a high degree of code and product quality through continuous testing and documentation. Depending on the project, these developments typically flow into demonstrators used at trade fairs, or in products that are made available to (research) partners.

Your profile

- University degree in computer science, electronics engineering or similar field
- Image processing know-how (Computer Vision)
- Skilled in C++ programming
- Experience with software development tools such as Makefiles and VisualStudio
- Know-how in MATLAB
- Good oral and written communications skills in English

This position is also suitable for **first-time job seekers** who have acquired the corresponding **know-how** and experience from internships, university studies or graduate papers.

About us

The Computational Imaging department develops new film and television production technologies that are designed to provide film producers and artists new opportunities for creating image layouts and visual narratives. The combination of the latest research findings in the field of lightfield algorithms and practical application scenarios plays a major role here.

What you can expect from us

Fraunhofer IIS offers a very attractive work environment in a **highly-innovative key industry**. You will have the chance to help actively shape tomorrow's technologies through your participation in **diverse projects** with a **high degree of practical application**. You will work in a **committed team** where you can contribute your own ideas and enjoy **creative freedom**. You will also enjoy regular **training and education** opportunities and a **state-of-the-art workplace**, not to mention a **friendly culture**.

Employment conditions

Employment, compensation and social benefits are provided in accordance with the German civil service collective bargaining agreement (TVöD). This position is initially based on a two-year contract. Equally-qualified applicants with severe handicaps and disabilities will be given hiring preference.

Have we piqued your interest? Then we look forward to receiving your application, which should include a cover letter, resume and references. Send the application in PDF format, referencing **IIS-2017-16, to Claudia Kestler-Böhm: personalmarketing@iis.fraunhofer.de**

Additional information about the institute is available at: <http://www.iis.fraunhofer.de>